NC/QC/W-13/2018-19/AM -W1

Date: 18-09-2018

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements of Asphalting in Mallasandra Ward No 13 Shettyhalli Sub Division}

Ref.: Material testing/W-13/QC/18-19,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Technical Manager, KRIDL.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**97.25**	95-100
26.50	---	-
22.40	**73.15**	60-80
11.20	**57.35**	40-60
4.75	**36.90**	25-40
2.36	**25.45**	15-30
0.600	**19.70**	8-22
0.075	**4.05**	0-5

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

KIRAN. R
M.E, (Civil-Engg)

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Proprietor

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Date: 18-09-2018

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	27.31 %	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	27.89%	Not more than 35.0 %
3.	Water absorption, %	0.39 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಲೆಫ್ಟಿನೆಂಟ್ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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NC/QC/W-13/2018-19/AM -W2 Date: 19-09-2018

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements of Asphalting in Mallasandra Ward No 13 Shettyhalli Sub Division}

Ref.: Material testing/W-13/QC/18-19,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Technical Manager, KRIDL.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	97.50	95-100
26.50	---	-
22.40	78.05	60-80
11.20	51.15	40-60
4.75	36.25	25-40
2.36	24.90	15-30
0.600	18.60	8-22
0.075	3.65	0-5

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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Date: 19-09-2018

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	28.16%	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	27.84 %	Not more than 35.0 %
3.	Water absorption, %	0.41 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಪಿಟಿಸಿಎಲ್ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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NC/QC/W-13/2018-19/AM -W3

Date: 22-09-2018

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements of Asphalting in Mallasandra Ward No 13 Shettyhalli Sub Division}

Ref.: Material testing/W-13/QC/18-19,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Technical Manager, KRIDL.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	96.45	95-100
26.50	---	-
22.40	65.15	60-80
11.20	48.90	40-60
4.75	34.10	25-40
2.36	22.45	15-30
0.600	17.50	8-22
0.075	4.20	0-5

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ ಕಛೇರಿಯ ಉಪಯೋಗಾರ್ಥ, ಮಾನಸಂಸ್ಥೆ ಮುಖಾಂತರ ಪ್ರಯೋಗ ಮಾಡಲಾಗಿದೆ ಮತ್ತು ಪರೀಕ್ಷಿಸಲಾಗಿದೆ ಎಂದು ದೃಢೀಕರಿಸಲಾಗಿದೆ, ಬೆಂಗಳೂರು

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Date: 22-09-2018

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	26.68%	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	28.16 %	Not more than 35.0 %
3.	Water absorption, %	0.38 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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NC/QC/W-13/2018-19/AM -W4 **Date: 24-09-2018**

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements of Asphalting in Mallasandra Ward No 13 Shettyhalli Sub Division}
Ref.: Material testing/W-13/QC/18-19,
Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s Technical Manager, KRIDL.

TEST RESULTS

1. Gradation Test:
TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	96.45	95-100
26.50	---	-
22.40	71.60	60-80
11.20	53.80	40-60
4.75	38.15	25-40
2.36	32.40	15-30
0.600	20.95	8-22
0.075	3.35	0-5

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Date: 24-09-2018

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	26.56 %	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	27.12%	Not more than 35.0 %
3.	Water absorption, %	0.40 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಪಬ್ಲಿಕ್ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್, ಬಾಸವನಗುಡಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ಡಬಲ್‌ರಸ್ತೆ, ಬೆಂಗಳೂರು

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